

ANACONDA Minerals Company
New Mexico Operations
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April 5, 1982

Mr. Zeke Houk
Council of Energy Resource Tribes
5660 South Syracuse Circle
Suite 206
Englewood, Colorado 80111

ALBUQUERQUE DISTRICT MINING
RECEIVED
APR 08 1982
U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

Dear Mr. Houk:

The accompanying material is presented in response to your request for information about the stockpiles of mineralized material that are remaining at the Jackpile Mine.

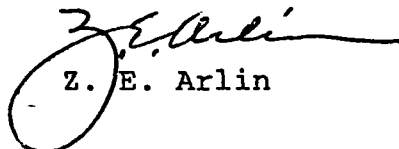
Enclosed are eleven pieces of material, labeled Items 1 through 11. Item 1 is a detailed listing of the enclosures, with some explanatory notes. Item 2 is a detailed statement of the final book inventories of the stockpiles. Items 3 through 11 are material pertaining to a stockpile inventory study conducted by Anaconda.

Anaconda Minerals Company makes no representation or warranty as to the accuracy of this information, including, but not limited to, mineral reserves, analyses, forecasts, mine plans, reports, or maps, nor that the tonnages and/or grades of mineralized material that are presented herein will be found in such stockpiles.

I sincerely apologize for the delay in responding to your request. My involvement in the shut-down of the operations was more time consuming than I had expected.

If I can be of further assistance to you, please let me know. I will be more prompt in my response.

Respectfully,


Z. E. Arlin

cc: Hon. H.D. Early, Gov., Pueblo of Laguna, w/ Item 1 only.
D.C. Jones, Dist. Supv., Minerals Management Service,
w/ Item 1 only.

- ITEM 1 LIST OF ENCLOSURES accompanying the letter of transmittal to Zeke Houk from Z. E. Arlin dated 4/5/82.
- ITEM 2 STOCKPILE INVENTORY, February 28, 1982.
- ITEM 3 VOLUMETRIC COMPUTATIONS OF 29 STOCKPILES, JACKPILE MINE AREA, prepared by Thomas R. Mann & Associates, July, 1978. Title page and 21 pages of maps of the stockpiles, with volumes in cubic yards.
(Mann contracted to provide aerial volumetrics of the stockpiles, as flown on July 14, 1978.)
- ITEM 4 EARTHWORK CALCULATIONS, by Thomas R. Mann & Associates, 9/1/78. 16 pages of computer calculations printout.
(Only stockpile SP-2E was reproduced, as a sample. The remaining stockpile calculations are available upon request.)
- ITEM 5 GORDON HERKENHOFF & ASSOCIATES, ca. late 1978. Volume calculations for stockpiles SP-2E and 17S. 6 pages: 2 example cross-sections and 4 pages of volume totals. The complete calculations are available upon request.
(Herkenhoff contracted to perform volumetric calculations from transit surveys of two large stockpiles to check the accuracy of the aerial volumetrics done by Mann.)
- ITEM 6 VOLUME CALCULATIONS OF STOCKPILES 17E AND SP-2C BY PINCOCK, ALLEN & HOLT, INC. Memorandum to File, by D. F. Earnest, August 29, 1979. One page describing the calculation parameters and stating the resultant volumes.
(P.A.H. contracted to perform volumetric calculations on two stockpiles, using Mann's aerial topographic data, as a check on Mann's work.)
- ITEM 7 STOCKPILE EVALUATION PROJECT PRELIMINARY REPORT, AS OF 5/10/79, by William C. Feirn, June 5, 1979, corrected copy. 32 pages and photomosaic map.
(Mr. Feirn, Mine Geologist, prepared this interim report before leaving the company prior to the completion of the stockpile evaluation project.)
- ITEM 8 SHB AUGER DRILLING. Memorandum to File, by D. F. Earnest, August 29, 1979. One page describing the technique of sampling the stockpiles with the SHB auger-hammer equipment.
(This supplements the following report, Item 9.)

- ITEM 9 FINAL REPORT, STOCKPILE EVALUATION PROJECT,
by D. F. Earnest, Mine Geologist, August 30, 1979.
15 pages and a photomosaic map.
(Mr. Earnest completed the primary phase of the
project started by Mr. Feirn, and reported on
the work done from May 10, 1979 through August 30,
1979. Subsequent check work was done which
corroborated the conclusions stated in this report,
but were not formally reported in summary.)
- ITEM 10 FIGURE 1. STOCKPILE LOCATION INDEX, 2 copies.
Xerographic copies of a photomosaic of the Jackpile
Mine which identifies the various stockpiles.
Date of aerial photography 7/6/78, by Thomas R. Mann
& Associates, no scale.
(This photomosaic is also part of Items 7 and 9,
and are included here for your convenience.)
- ITEM 11 LOW GRADE RELIABILITY REPORT. Memorandum to Rudi
Forhan, Chief Geologist, New Mexico Operations, by
Dick Kehmeier, Geologist, August 4, 1975. 10 pages.
(A comparison of uranium values in drill holes,
as determined by the chemical assay of core and
by the equivalent gamma log values. Presented
here for your information.)